

Architectural Design Course Information

Level 1

COURSE NAME	LOCAL ID SERVICE ID	PREREQUISITES	COREQUISITES
Principles of Construction	CAC10A/B 13004220 (1 credit)	None	None

Level 2

COURSE NAME	LOCAL ID SERVICE ID	PREREQUISITES	COREQUISITES
Principles of Architecture	CTAC13 13004210 (1 credit)	None	None
Architectural Design I	CTAC12 13004600 (1 credit)	Algebra I and English I	None

Level 3

COURSE NAME	LOCAL ID SERVICE ID	PREREQUISITES	COREQUISITES
Architectural Design II	CAC22A/B 13004700 (2 credits)	Architectural Design I and Geometry	None

Level 4

COURSE NAME	LOCAL ID SERVICE ID	PREREQUISITES	COREQUISITES
Practicum in Architectural Design	CAC82A/B 13004800 (2 credits)	Architectural Design II	None

FOR ADDITIONAL INFORMATION ON THE ARCHITECTURE AND CONSTRUCTION CAREER CLUSTER,
PLEASE CONTACT: CTE@tea.texas.gov
<https://tea.texas.gov/cte>

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Further nondiscrimination information can be found at [Notification of Nondiscrimination in Career and Technical Education Programs](#).

Architecture and Construction Career Cluster

The Architecture and Construction Career Cluster focuses on designing, planning, managing, building, and maintaining the built environment. Principles of Architecture provides an overview to the various fields of architecture, interior design, and construction management.

Construction Tech (NHS and SWHS only) Statewide Program of Study



The Construction Tech program of study explores the occupations and educational opportunities related to constructing, installing, or repairing structures and fixtures made of wood, such as concrete forms (including frameworks, partitions, joists, studding, rafters, and stairways). This program of study may also include exploration into installing, dismantling, or moving machinery and heavy equipment according to layout plans, blueprints, or other drawings.

Secondary Courses for High School Credit

Level 1

- Principles of Construction

Level 2

- Construction Technology I

Level 3

- Construction Technology II

Level 4

- Practicum in Construction Technology

Postsecondary Opportunities

Associates Degrees

- Carpentry/Carpenter
- Industrial Mechanics and Maintenance Technology

Bachelor's Degrees

- Construction Science

Master's, Doctoral, and Professional Degrees

- Construction Management

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none">Shadow a carpenter or millwrightParticipate in SkillsUSA	<ul style="list-style-type: none">Obtain an NCCER certification in Millwright Level 1 or Carpentry Level 1

Industry-Based Certifications

- NCCER Carpentry Level I
- NCCER Carpentry Level II
- NCCER Core



Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Carpenters	\$35,922	5,031	26%
Cost Estimators	\$63,939	2,239	21%

Successful completion of the Construction Tech program of study will fulfill requirements of the Business and Industry endorsement. Revised – August 2022